

Features of radiation gas discharge with liquid electrolyte cathode by using aqueous solutions of sodium chloride

Tazmeev K., Arslanov I., Tazmeev G.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

Experimentally investigated the spectral characteristics of the gas discharge between the liquid electrolyte cathode (aqueous solution of sodium chloride) and a metal anode at high currents (up to 20 A). Found splitting yellow doublet of sodium and the factors affecting the splitting. © Published under licence by IOP Publishing Ltd.

<http://dx.doi.org/10.1088/1742-6596/479/1/012015>
